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April 28, 2006

Mary L. Cottrell, Secretary Department of Telecommunications and Energy One South Station, 2nd Floor Boston, MA 02110

Re: Cambridge Electric Light Company, D.T.E. 06-17

Dear Ms. Cottrell:

Please find attached a complete version of the 2005 Annual Service Quality Report ("ASQR") of Cambridge Electric Light Company d/b/a NSTAR Electric (the "Company"). As noted in previous filings in this docket, NSTAR Electric has been undergoing an audit of its SAIDI and SAIFI data, pursuant to paragraph 2.27 of the Settlement Agreement approved by the Department of Telecommunications and Energy (the "Department") in D.T.E 05-85. See NSTAR Electric/NSTAR Gas, D.T.E. 05-85.

In the context of that audit, the third-party auditor was required to "assist in the establishment of proxies for certain monthly SAIDI/SAIFI historical data not available on the Cambridge system for ten months during the period from 1995 through 2005, which shall be used to calculate the SAIDI/SAIFI benchmark for performance beginning 2005" Settlement Agreement at ¶ 2.27; D.T.E. 05-85, at 11, n.9. Although the entire audit has not been completed, the auditor has completed the development of the proxies and has updated SAIDI and SAIFI benchmarks using 10 years of data beginning for the performance year 2006. The attached 2005 ASQR for the Company incorporates the results of that portion of the auditor's report. On this date, the Company is filing the auditor's findings regarding the Cambridge historical data and benchmarks under separate cover in docket D.T.E. 05-85.

The Company filed a modified version of its 2005 ASQR on March 27, 2006 that included all information required by the Department to be presented in an annual service quality report, with the exception of the Company's SAIDI and SAIFI performance, for the reasons noted above.

Letter to M. Cottrell, D.T.E. 06-17 April 28, 2006 Page 2 of 2

Thank you for your patience while the audit was being completed. Please contact me or Cheryl Kimball if you have any questions regarding this filing.

John K. Habit

John K. Habib

Attachment

cc: Joseph Rogers, Assistant Attorney General

Alexander Cochis, Assistant Attorney General

Robert Ruddock, Associated Industries of Massachusetts

Jerrold Oppenheim, Low-Income Energy Affordability Network

Ron LeComte Kevin Brannelly

Annual Service Quality Report

SECTION ONE

Year Ending December 31, 2005

DTE FORM - B



FORM B (Electric Companies)

Cambridge Electric Light Company

	Years in	Mean and	Performance in	
PENALTY PROVISIONS	Database	Benchmark	2005	Comments
		70.31%		
Telephone Answering Factor (%)	8	(+/- 8.44%)	79.14%	
				Tracking emergency calls started in
Emergency Answering (%)	3	NA	83.26%	2002.
				Tracking non-emergency calls started in
Non-Emergency Answering (%)	3	NA		2002.
		87.28%		Tracking service appointments started in
Service Appointments Kept (%)	3	(+/- 11.22%)		2002.
		98.44%		
Meter Reads (%)	8	(+/- 0.43%)		
		0.241		
Consumer Division Cases (Cases/1000 customers)	10	(+/- 0.137)	0.377	
		\$7.47		
Bill Adjustments (\$/1000 customers)	10	(+/- \$9.03)	\$11.34	
		0.72		
SAIFI	5	(+/- 0.21)	0.748	Benchmark per D.T.E. 05-85 Audit
		55.58		
SAIDI	5	(+/- 15.03)	78.86	Benchmark per D.T.E. 05-85 Audit
Lost Time Accident Rate (# of acc/200,000 employee		2.63		
hours worked)	10	(+/- 0.80)	1.06	

FORM B (Electric Companies)

Cambridge Electric Light Company

	Years in	Mean and	Performance in	
ADDITIONAL REPORTING	Database	Benchmark	2005	Comments
		Union	Union	
		104	2067	
		Management	Management	
Staffing Levels	9	38	870	
Restricted Work Day Rate (# of acc/200,000 employee				
hours worked)	10	2.19	1.76	
Property Damage > \$50K (#)	2	NA	1	
				Performance in 2005 is estimated
Line Loss	10	2.8%	2.4%	pending filing of FERC FORM 1
			46	
Capital Expenditures (# of projects and total \$)	10	\$9,596,000	\$25,901,000	
Spare Component & Inventory Policy	NA	NA	NA	
Customer Surveys (scale 1-7):				
Random (Overall Customer Satisfaction Survey)	3	NA	72.0%	Provided by J. D. Power and Associates
Callers (Post-Transaction Survey)	3	NA		Provided by Research International
Customer Service Guarantees (#; total \$)				
# of Payouts	3	NA	l 0	
\$ of Payouts	3	NA	\$0	

Annual Service Quality Plan Performance Report

SECTION TWO

Year Ending December 31, 2005

Historical Performance Data



SECTION 2

Cambridge Electric Light Company Performance Review for Year Ending December 31, 2005

I. Introduction

On December 5, 2001, the Department of Telecommunications and Energy (the "Department") approved a Service Quality Plan (the "SQ Plan") for Cambridge Electric Light Company d/b/a/ NSTAR Electric ("Cambridge," or the "Company"). In accordance with the terms of the SQ Plan, Cambridge filed its first annual service-quality report on March 1, 2002. That filing established the benchmarks (using data through 2001) against which performance in the 2002 calendar-year period would be measured. In this section (Section 2) of the filing, the Company reviews: (1) the historical data underlying those benchmarks; (2) the performance results for 2005; and (3) the comparison of 2005 performance results to the established benchmarks. Items (2) and (3) are provided in this section at Schedule 1, at page 1. Item (1) is provided in Schedule 1, at page 2.

In <u>Section 3</u> of this filing, the Company has provided documentation for the reliability and safety requirements that are subject to the reporting requirements of the SQ Plan.

Also in Section 3, the Company has provided updated historical performance data through December 31, 2005. Based on this data, the Company has calculated the benchmarks that will be applied to evaluate 2006 performance data in next year's filing. In that regard, the Company has recalculated benchmarks for three measures for which there was less than the requisite level of data as of December 31, 2001. For these three measures, the benchmarks applied next year are calculated using data through December 31, 2005. As provided by the SQ Plan, benchmarks that were calculated using the requisite level of data as of December 31, 2001, are fixed for the period of the SQ Plan. The fixed and updated benchmarks for 2006 are set forth in Appendix 12.

Specifically Section 3 contains the following:

- Appendix 1: Customer Surveys
- Appendix 2: Customer Average Interruption Duration Index
- Appendix 3: Restricted Work Day Data
- Appendix 4: Annual Line Loss Data
- Appendix 5: Damage to Company Property In Excess of \$50,000
- Appendix 6: Excludable Major Events
- Appendix 7: Tree Pruning Policy

- Appendix 8: Capital Expenditures
- Appendix 9: Spare Component and Acquisition Inventory Policy
- Appendix 10: Poor Performing Circuits
- Appendix 11: Staffing Levels
- Appendix 12: Updated Historical Data and Calculation of Benchmarks for 2006 Performance

II. Performance Review for Year Ending December 31, 2005

A. <u>Customer Service and Billing Performance Measures</u>

1. <u>Telephone Service Factor</u>

For the Telephone Service Factor, the Company is required to track and report data on the percentage of telephone calls from customers that are handled within a 30-second time interval, including both emergency and non-emergency calls.² Cambridge began collecting data based on the percentage of calls answered within 30 seconds in 1997. Based on available data through 2004, the Company's benchmark for this measure is 70.31 percent. In 2005, the Company handled 79.14 percent of calls within 30 seconds, which generated an offset.³

Pursuant to Section 2.29 of the Company's Department-approved rate settlement in D.T.E. 05-85, NSTAR Electric and NSTAR Gas will set as of January 1, 2006, a performance benchmark of 80 percent for all telephone calls answered within 30 seconds, including all abandoned calls. See Appendix H. The deadband for this measure for each NSTAR Electric and NSTAR Gas company will be calculated by determining the standard deviation associated with the Company's 5-year historical performance for this measure and applying it to the benchmark of 80 percent of calls answered within 30 seconds.

2. Service Appointments Met as Scheduled

As of January 1, 2002, the Company instituted a system to compile statistics on the percentage of service appointments met by Company personnel, excluding appointments missed by the customer. A "service appointment" is defined as a mutually agreed upon arrangement for service between the customer and the Company where the arrangement specifies the date for the Company's personnel to perform a service activity that requires the presence of the customer at the time of the service. The Company began collecting data on the percentage of service appointments met that requires the presence

In accordance with the Department's directives, effective January 1, 2002, the Company began to measure the percent of calls handled within a 20-second time interval. For this performance measure, the Company handled 76.36 percent of calls within 20 seconds during 2005.

The Company's 2005 performance for this measure excludes the period of the Company's work stoppage because the Company was not operating under normal operating procedures.

of the customer at the time of service in 2002. Based on available data through 2004, the Company's benchmark for this measure is 87.28 percent. In 2005, the Company met 92.59 percent of service appointments which is within one standard deviation of the benchmark. As detailed in Appendix 12, the benchmark against which 2006 performance will be measured has increased from 87.28 percent to 88.61 percent.

3. On-Cycle Meter Readings

Cambridge is required to report on the percentage of meters that are actually read by the Company in accordance with the meter-reading cycle. Based on available data through 2004, the Company's benchmark for this measure is 98.44 percent. In 2005, the Company achieved 96.70 percent of on-cycle meter reads, which is greater than one standard deviation of the benchmark resulting in a penalty.⁵

Because the 2005 performance benchmark calculated for On-Cycle Meter Readings was based on less than ten years of historical data, the Company has updated this benchmark to include 2005 performance. As shown in Appendix 12, the benchmark against which 2006 performance will be measured has decreased from 98.44 percent to 98.24 percent.

B. <u>Customer Satisfaction Performance Measures</u>

1. <u>Consumer Division Cases</u>

The Company is required to measure its performance in relation to the number of customer-complaint cases filed with the Department's Consumer Division. Based on the 10 years of data provided to the Company, the performance benchmark shown on Schedule 1 is 0.241, which will remain fixed for the duration of the service-quality plan. In 2005, the number of Consumer Division cases was 0.377, which is within one standard deviation of the benchmark.⁶

The Company's 2005 performance for this measure excludes the period of the Company's work stoppage because the Company was not operating under normal operating procedures.

The Company's 2005 performance for this measure excludes the period of the Company's work stoppage because the Company was not operating under normal operating procedures. In addition, the performance statistics for this measure does not reflect performance during the January 2005 weather event that resulted in the issuance by the Governor of a State of Emergency.

In applying the Department's penalty/offset formulae to the Company's performance data, the Company has determined that, in some instances, the maximum amount of offsets cannot be achieved. For example, the Company's 2005 SQ Report demonstrates that its benchmark for consumer division cases is set at 0.241 cases per 1,000 customers. However, because of a wide deadband of 0.137 cases per 1,000 customers, a maximum offset may result in 2007 for 2006 performance only if the Company has (-0.034) cases per 1,000 customers, which is impossible.

2. Billing Adjustments

The Company is required to measure its performance in relation to the amount of revenue adjustments that result from the Department's intervention in a billing dispute with a residential customer. This is based on data that is compiled and reported by the Department and then provided to the Company. Based on the 10 years of data provided to the Company, the performance benchmark shown on Schedule 1 is 7.47, which will remain fixed for the duration of the SQ Plan. In 2005, the number of Billing Adjustments was 11.34 which is within one standard deviation of the benchmark.

C. <u>Safety and Reliability Performance Measures</u>

1. <u>System Average Interruption Duration Index ("SAIDI") and System Average Interruption Frequency ("SAIFI")</u>

The SQ Plan requires the Company to track and report SAIDI/SAIFI statistics. Schedule 1 shows a SAIDI benchmark of 55.58 and a SAIFI benchmark of 0.72 against which performance in 2005 was measured. In 2005, the Company's performance for SAIDI was 78.86 and SAIFI was 0.748 which resulted in a penalty for SAIDI. Pursuant to the Company's Department-approved rate settlement in D.T.E. 05-85, the Company's 2006 benchmark will be based on the most-recent 10 years of historical data available to the Company, as reflected in Appendix 12.8

2. Lost-Work Time Accident Rate

The SQ Plan requires the Company to report on the Incidence Rate of Lost Work Time Injuries and Illness per 200,000 Employee Hours, as defined by the U.S. Department of Labor Bureau of Labor Statistics. This data is compiled and reported annually to the U.S. Department of Labor Bureau of Labor Statistics and the Company has 10 years of available data for this measure. Based on that data, the performance benchmark for this measure is 2.63. In 2005, the number of Lost Work Time Accidents was 1.06, which generated an offset.⁹

Based on the Company's D.T.E. 05-85 Settlement, the 2005 SAIDI and SAIFI benchmarks were revised using 10 months of proxy data during the period 1995 through 2004. The Company's 10-year benchmarks for these measures are represented in Appendix 12.

On January 1, 2002, the U.S. Department of Labor, Occupational Safety and Health Administration ("OSHA"), revised the regulations concerning the recording and reporting requirements for occupational injuries and illnesses. See 29 CFR § 1904.7. Specifically, the revised regulations require the Company to include the number of calendar days that an employee was unable to work as a result of injury, regardless of whether or not the employee was scheduled to work on those days (29 CFR § 1904.7(iv)). The Company's performance benchmark for Lost-Work Time Accident Rate, which is based on ten years of historical information, excludes weekends, holidays or other days that an employee would not normally have reported to work. Since the effective date of OSHA's regulations, the Company has maintained a log of occupational injuries or illnesses consistent with the new regulations. However, for purposes of the annual service-quality report (the "SQ Report"), the Company has tracked and reported its performance consistent with the prior version of the regulation so that the performance data will match the historical data composing the performance benchmark. The Department approved the Company's 2002 SQ Report using this methodology. See D.T.E. 03-10 through D.T.E. 03-23 (2003).

3. Poor Performing Circuits

Pursuant to the Company's Department-approved rate settlement in D.T.E. 05-85, NSTAR Electric will establish a service category for 2006, with possible penalties and incentive payments, relating to "poor performing circuits." NSTAR Electric shall be subject to a penalty of \$100,000 for each circuit deemed to be a "poor performing circuit," as defined below, up to a maximum level of \$500,000 per year. Each year where there are no poor performing circuits under this definition, NSTAR Electric will be entitled to a \$500,000 incentive payment.

A "poor performing circuit" shall mean any distribution feeder that has sustained a circuit SAIDI value for a reporting year that is among the highest (worst) 5 percent of NSTAR Electric's feeders for any three consecutive reporting years; provided that, subject to Department approval, NSTAR Electric may replace a circuit(s) so designated as "poor performing" with another under-performing circuit(s) where circuit performance on the replaced circuit is driven by factors outside of NSTAR Electric's control (e.g., weather or municipal prohibitions on tree trimming) or the small number of customers served by the circuit justifies the replacement by a circuit serving a larger number of customers and provided further that the amount of the incentive payment to which NSTAR Electric would otherwise be entitled shall be reduced by \$100,000 for each such replacement.

NSTAR Electric will present information on Poor Performing Circuits as defined in Section 2.28 of the Settlement in its 2006 ASQRs, to be filed on March 1, 2007.

Schedule 1 Page 1 of 2

CAMBRIDGE ELECTRIC LIGHT COMPANY SERVICE QUALITY STANDARDS	HT COMP ARDS	ANY									
	Required	Actual			Penaity /				Results - 2005	905	
Weasures	Years	Years Available	Historical	Std Day	Offset	Max (3)	Oheon	Variance	No. of C	Calculated	Penalty /
Customer Service and Billing			106000		1	T CILBUT	Coselv.	Variation	ora pevs	AIIIOIIII	hasiioi
% Calls Answered (2)	10	ω	70.31%	8.44%			79.14%	8.83%	1.0462 \$	35,936	(35,936)
% Services Appointments Met	10	ო	87.28%	11.22%	12.5%	131,328	92.59%	5.31%	0.4733 \$	ı	o
% On-Cycle Meter Reads	10	8	98.44%	0.43%	10.0%	105,062	96.70%	-1.74%	-4.0465 \$	105,062	105,062
Safety and Reliability											
Lost Work Day Accidents	10	10	2.63	0.80	10.0%	105,062	1.06	-1.57	-1.9625 \$	101.159	(101,159)
SAIDI - 5 yrs (5)	5	r.	55.58	15.03	22.5%	236,390	78.86	23.28			141.780
SAIFI - 5 yrs (5)	3	5	0.72	0.21	22.5%	236,390	0.748	0.03	0.1333 \$		0
Consumer Division Statistics Consumer Division Cases	10	10	0.241	0.137	2.0%	52,531	0.377	0.136	0.9927 \$		C
Billing Adjustments	10	10	7.47	9.03	5.0%	52,531	11.34	3.87		•	0
Total					100.0% \$	1,050,622				69	109,748
Notes											
 Reflects DTE measures, benchmark method and penaltylincentive mechanism. Telephone statistic based on Calls Handled within 30 Seconds; includes calls abandoned after threshold. Max benalty is incurred at 2 sof from average. 	benchmark method and penalty/incentive mechanism. on Calls Handled within 30 Seconds; includes calls at 12 sd from averace.	penalty/inc 130 Second	entive mecha s; includes ca	nism. alls abandol	ned after thre	shold.					
(4) Two percent of total T&D revenue in 2005 (estimate based on 2005 budget).	n 2005 (estim	ate based or	n 2005 budge	÷		1,050,622.41 Updated 1/11/06	Jpdated 1/7	1/06			
Less: Service Guarantee Payout					i	\$0.000	\$0 Updated 1/12/06	12/06			
Maximum Penality (Onset) (5) Historical handhmark revised according to pecults of D.T.E. 05.85 Audit	athraer of pailte) T T C 30	A Audit			\$1,050,622					
A Transport and Transport account (a)	en les contra	5	TOO COL								

CAMBRIDGE ELECTRIC LIGHT COMPANY

											History (1								
Measures	2004	2003 2002	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989 Sample	ole Average	Ц	Std Dev
Customer Service and Billing % Calls Answered (1)	78.55%		80.28% 80.24% 60.26%	60.26%	71.16%	61.55% 6	64.26% 6	66 17%									α	20 31%	0 700
% Services Appointments Met	78.79%		100.00%					!										87.28%	11.22%
% On-Cycle Meter Reads	98.28%	98.29%	%60.86	98.64%	98.87%	98.64% 9	6 %69'26	%00'66									8 98.	98.44%	0.43%
Safety and Reliability Lost Work Day Accidents	0.74	0.50	1.22	1.54	2.49	2.89	1,43	2.35	3.24	2.81	3.84	3.58	2.17				10	2.63	0.80
SAIDI - 5 yrs (3)				44.0	37.2	59.6	74.8	62.3									5 5	55.58	15.03
Consumer Division Statistics				7.0	9.436	9.0.	0.810	0.540									က	0.72	0.21
Consumer Division Cases	0.250	0.126	0.404	0.126	0.176	0.569	0.207	0.158 (0.320 0	0.133 0		_	0.347				10 0:	0.241	0.137
Billing Adjustments	0.00	1.26	0.00	0.00	11.17	3.41	1.70				0.00	2.09	0.00				10	7.47	9.03

Notes
(1) 12 Month period January to December.
(2) Telephone statistic based on Calls Handled within 30 Seconds; includes calls abandoned after threshold.
(3) Historical benchmark revised according to results of D.T.E. 05-85 Audit

Annual Service Quality Report SECTION THREE

Year Ending December 31, 2005

Back-up Data and Supporting Schedules



SECTION 3

I. Non-Penalty Related Service Quality Information

Section VIII of the SQ Plan sets forth a number of non-penalty related reporting requirements for the Company's annual service-quality filings. These reports are as follows:

Appendix 1: Customer Surveys

Pursuant to section III.C of the SQ Plan, Cambridge conducted an annual survey of (1) overall customer satisfaction as indicated by a statistically representative sample of residential customers, and (2) post-transaction customer satisfaction as indicated by a sample of randomly selected customers who have contacted the Company's customer-service department during the year. The customer satisfaction survey was conducted by J. D. Power and Associates using a combination of their annual syndicated study in June combined with a fall tracker study completed in November of 2005. The post-transaction customer satisfaction study was conducted by Research International, both of which are independent research firms with significant experience in conducting customer satisfaction surveys. The results of these surveys are presented in Appendix 1.

Appendix 2: Customer Average Interruption Duration Index ("CAIDI")

The CAIDI performance statistics for the ten most recent years ending December 31, 2005 have been recalculated in accordance with the results of the D.T.E. 05-85 SAIDI / SAIFI audit and are provided in Appendix 2. Historically, the Company's CAIDI performance statistics have been calculated on the same basis as SAIDI and SAIFI. As a result, the CAIDI performance statistics for Cambridge are based on a calculation that excludes major events that occur on a service-area basis (rather than a company-wide basis), as discussed above in relation to the SAIDI/SAIFI benchmarks.

In addition, it should be noted that, under the provisions of the SQ Plan, when customers lose power as a result of the process of restoring, the duration of these additional outages is included in SAIDI, but the additional number of interruptions is excluded from the calculation of SAIFI. See, Section V(I). Further, under Section I(B), CAIDI is calculated as SAIDI divided by SAIFI. A consequence of this construction is that, in calculating CAIDI, the numerator and the denominator are not representing the same outages <u>i.e.</u>, there are outages that are included in the numerator, but not in the denominator. To be consistent with industry practice, the numerator and the denominator of the CAIDI calculation should represent the same outages.¹

Appendix 3: Restricted Work Day Rate

The Company's CAIDI statistic for 2005 would be 78.25 with the outages associated with power restoration excluded from SAIDI.

The Restricted Work Day Rate is the Incidence Rate of Restricted Work Cases Per 200,000 Employee Hours, as defined by the U.S. Department of Labor, Bureau of Labor Statistics. This information is provided for the most recent ten years in Appendix 3.

Appendix 4: Electric Distribution Line Loss

Pursuant to section VIII.A of the SQ Plan, the Company is required to report electric distribution line loss on an annual basis. For 2005, this information is provided in Appendix 4. The annual line loss value for electric companies is the net result of reconciling the total sources of power to the amount of electricity supplied to customers, plus company use. The derivation of the calculation is set forth on page 401a of the Company's annual FERC Form 1.

Appendix 5: Damage to Company Property In Excess of \$50,000

Pursuant to section VIII.A of the SQ Plan, the Company is required to provide an annual report of property-damage incidents involving property damage to Companyowned facilities exceeding \$50,000 per incident. For 2005, there were no such incidents.

Appendix 6: Excludable Major Events

Pursuant to section VIII.D of the SQ Plan, the Company is required to identify and report on an annual basis the outages that are considered Excludable Major Events in the calculation of SAIDI/SAIFI statistics. Information for 2005 is provided in Appendix 6.

Appendix 7: Tree Pruning Policy

The Company's Tree-Pruning Policy is provided as Appendix 7.

Appendix 8: Capital Expenditures

The Company's data on capital expenditures for the ten most recent years (1996 through 2005) is provided in Appendix 8.

Appendix 9: Spare Component and Acquisition Inventory Policy

Pursuant to section VIII.F of the SQ Plan, Cambridge is required to report on an annual basis its policy for identifying, acquiring, and stocking critical spare components for its distribution and transmission system. The Spare Component and Acquisition Inventory Policy is provided as Appendix 9.

Appendix 10: Poor Performing Circuits

Pursuant to section VIII.G of the SQ Plan, Cambridge is required to identify and report on an annual basis its poor performing circuits. For 2005, the Company's

information is provided as Appendix 10. Poor performing circuits are any distribution feeder that:

- (a) has sustained a circuit SAIDI or SAIFI value for a reporting year that is among the highest (worst) ten percent of that utility's feeders for any two consecutive reporting years; or
- (b) has sustained a circuit SAIDI or SAIFI value for a reporting year that is more than 300 percent greater than the system average of all feeders in any two consecutive reporting years.

Appendix 11: Staffing Levels

Staffing level information for the Company is provided in Appendix 11.

Appendix 12: Performance Benchmarks for 2004

In Appendix 12, the Company has updated historical data to include 2005 performance data in the calculation of benchmarks for the 2006 reporting period, where the benchmarks were not fixed for the duration of the SQ Plan.

II. Customer Service Guarantees

Pursuant to section XI of the SQ Plan, Cambridge is required to provide information as to the customer payments credited as a result of the customer-service guarantee program during the service-measurement period. As indicated in the SQ Plan, Cambridge credits the customer's account by \$25.00 if a meter reading is inaccurate, if the Company knowingly fails to inform a customer that it will be more than 30 minutes late for a service appointment, if there is an error in the direct payment or pay-by-phone billing systems, if the Company fails to inform a customer of a scheduled service interruption, or if the Company does not respond to a billing question by the next business day. In addition, if a new residential service line is not connected by the agreed date (after all permits are received), the first month's bill is free (minimum \$25, maximum \$100). In 2005, Cambridge remitted to customers a total of \$0.00 under its Customer-Service Guarantee program.

III. Conclusion

As set forth above, this filing establishes the performance benchmarks for service-quality measures subject to the penalty mechanism based on historical data available through December 31, 2005. On March 1, 2007, Cambridge will make its annual filing, which will compare the Company's performance in 2006 to the benchmarks established in this filing. The Company's March 2007 filing will also include documentation to satisfy all other reporting requirements set forth in the approved SQ Plan.

Customer Surveys

Year Ending December 31, 2005





MEMO

TO:

NSTAR

FROM:

J.D. Power and Associates

DATE:

February 24, 2006

RF:

Residential customer satisfaction metrics (former COMM/Elec service area)

The following results are from a representative sample of 710 NSTAR residential customers. Of the 710 surveys, 510 were with NSTAR Electric residential customers (285 in the former Boston Edison Company service area and 225 in the former COMM/Electric service area).

Respondents were asked to rate their satisfaction with the service they are receiving from NSTAR Electric using a 7-point scale, where "7" means "very satisfied." The data from NSTAR Electric customers are weighted to reflect the true proportion of former Commonwealth Electric to Cambridge Electric Light customers. "Don't Know" responses are excluded from the analysis.

 Seven in ten (72%) or 162 of 224 NSTAR Electric customers living in the former COMM/Elec service area positively rate their overall satisfaction with NSTAR (5 or higher on 7-point scale).

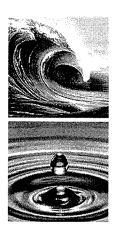
The raw number in terms of actual customer responses using the 7-point scale in 2005 are as follows:

Response codes	1	2	3	4	5	6	7	DK
Count	8	7	10	37	54	38	70	1

The associated margin of error for the sample of 225 surveys is \pm 7 % at a 95% confidence level.

Jeffrey C. Conklin Senior Director J.D. Power and Associates

RESEARCH INTERNATIONAL



MEMO

TO

NSTAR

FROM

Research International

DATE

January 13, 2006

RE: Post-transaction residential customer satisfaction metrics (former COM/Electric service area)

The following results are from a representative sample of 900 NSTAR residential customers who recently contacted NSTAR for service. Of the 900 surveys, 721 were with NSTAR Electric residential customers (457 in the former Boston Edison service area, and 264 in the former COM/Electric service area) and 179 with NSTAR Gas residential customers.

Respondents were asked to think about the most recent time they called NSTAR and to evaluate their overall satisfaction with the service they received from the customer service department of NSTAR using a 7-point scale, where a rating of "7" means "very satisfied." "Don't know" responses are excluded from the analysis.

• Nearly eight in ten (79.8%), or 206 of 258 NSTAR Electric customers living in the former COM/Electric service area rate positively their overall satisfaction with NSTAR's customer service (5 or higher on 7-point scale).

The raw numbers in terms of actual customer responses to the 7-point scale in 2004 are as follows:

Response codes	"1"	"2"	"3"	"4"	"5"	"6"	"7"	"DK"
Responses	19	6	10	17	31	31	144	6

The associated margin of error for the overall sample of 264 surveys is +/-6.0 percentage points at the midpoint of the 95% confidence level.

Alissa Algarin Research Executive Research International/Stamford 203-251-0262 1010 Washington Blvd. Stamford, CT 06901

Customer Average Interruption Duration Index

CAIDI

Year Ending December 31, 2005



Cambridge Electric Light Company SQ Plan Historical Data

<u>Year</u>	<u>SAIFI</u>	CAIDI	SAIDI
1996	0.717	73.55	52.77
1997	0.540	115.33	62.33
1998	0.810	92.35	74.80
1999	1.010	59.01	59.60
2000	0.498	74.64	37.17
2001	0.740	59.46	44.00
2002	0.697	94.78	66.10
2003	0.510	108.04	55.10
2004	0.800	80.75	64.60
2005	0.748	105.42	78.86

Excludes outages affecting greater than 15% of Company's service territory.

Restricted Work Day Data

Year Ending December 31, 2005



Injury Statistics

Restricted Duty Cases

Commonwealth Electric and Cambridge Electric Companies

	Hrs. Wkd.	# of Cases	Rate
4006	0.007.004	47	4.00
1996	2,097,821	17	1.62
1997	1,959,178	18	1.84
1998	1,821,364	18	1.98
1999	1,520,970	19	2.50
2000	1,363,403	18	2.64
2001	1,301,082	21	3.23
2002	1,666,906	23	2.72
2003	1,576,555	19	2.47
2004	1,515,397	9	1.19
2005	1,473,187	13	1.76
		Mean	2.19

Incident Rate = Number of Cases x 200,000/Hours Worked

Annual Line Loss Data

Year Ending December 31, 2005



	e Loss Data ectric Company
1996	2.7%
1997	2.2%
1998	2.4%
1999	1.6%
2000	2.5%
2001	3.1%
2002	4.1%
2003	2.8%
2004	4.2%
2005**	2.4%

^{**} Subject to finalization of FERC FORM1 1 and DTE Annual Report for year-end 2005.

Damage to Company Property

Year Ending December 31, 2005



Cambridge Electric Company

Damage to Company Property in Excess of \$50,000

- 1 Incident
 - 1. Damage due to dig up of underground electric lines: Mass Ave., Cambridge.

Excludable Major Event

Year Ending December 31, 2005



2005 Major Outage Events

Cambridge Electric Light Company			
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Service Area	Event / Date	Customers Affected	Customers without service at periodic	Longest Customer	Crews used to
		Allected	intervals	Interruption	restore service
Cambridge	State of Emergency January 22-26	28	<=2 hours – 18 <=12 hours – 1	10.4 hours	3 crews (1/22) 3 crews (1/23) 3 crews (1/24) 2 crews (1/25) 2 crews (1/26)
Cambridge	State of Emergency October 15-16	19	<=2 hours - 1 <=3 hours - 2 <=4 hours - 22 <=5 hours - 2 <=6 hours - 1	5.1 hours	3 crews (10/15) 2 crews (10/16)

Tree Pruning Policy

Year Ending December 31, 2005



NSTAR DISTRIBUTION TREE PRUNING POLICY

General

The Distribution Pruning Policy is intended to provide pruning contractors with guidelines for performing work acceptable to the NSTAR Company, including proper pruning techniques, work progress reporting and time reporting.

The Policy also documents general management procedures for dealing with the various aspects of Pruning Program Control.

The Policy pertains to both maintenance pruning, which is done on an ongoing cyclic basis of approximately three to six years and to "new work" pruning.

Note: Company representative or delegate as referred to in this policy shall be understood to mean those individuals normally assigned to monitor tree crew activities in a given district or area within a district.

Guidelines For Tree Pruning And Removal

- Provisions of the latest revisions to ANSI A-300 American National Standard for Tree Care Operations – Tree Shrub and Other Woody Plant Maintenance – Standard Practices shall be followed.
- The desired amount of clearance necessary for conductors and electrical equipment should be such that high winds, rain, heavy snow, ice or a combination of any of them will not cause limbs or trees to come in contact with wires or other equipment. Effort should be made to remove any dead trees or limbs that in the event of their falling could contact conductors.
 - a Clearance Guidelines Refer to Exhibit 1.
 - <u>b</u> Road Screens Where existing, shall be reduced depending on the ground clearance of the conductors above, using the drop crotch or "Natural Pruning" technique as shown in Exhibit 1.
- 3 Generally Accepted Scientific Arboricultural Principles as Applied to line Clearance Work For safe and healthy trees, the following recommendations are suggested:
 - Branches growing into a conductor should be removed by cutting back at a lateral or main side branch, rather than stub cutting. ("Natural Pruning")
 - All cuts shall be properly made, using undercutting to avoid damage by loosening or stripping of bark; the so-called "Branch Bark Collar" shall be left intact but no stubs shall remain. Cuts shall be smooth to allow for callus tissue to form and to retard decay. Properly made saw cuts at the laterals, where the lateral is at least one third (1/3) the size of the branch or leader removed, reduce the number and vigor of re-growth sprouts through the trees natural growth mechanisms. ("Natural Pruning").

- <u>c</u> In general, tree paint is not required. In specific instances state or municipal authorities may require tree paint. In such instances growth retardant paint should be used. Asphalt based tree paints shall not be used as they promote growth of certain rot fungi.
- Remove raised sucker clusters at parent limb and remove undesirable limbs that have been stubbed off and have formed accumulated sucker clusters.
- e Directional prune so that growth will be away from wires.
- Lighten overhanging (within 10' of trimmed zone) or adjacent leaders and branches and shorten evergreens overhanging conductors to prevent limbs touching or breaking off and falling on lines in severe storms.
- Remove leaders and limbs that are a hazard to lines due to death, decay, weak configuration and split or weak crotches.
- h Only appropriate tree tools in good working condition shall be used.
- i Climbing irons shall not be used in any tree unless the tree is to be removed.
- i All severed limbs and branches (hangers) shall be removed from trees after pruning.
- k Guidelines for tree removal.
 - Unless previous arrangement has been made with the Company Representative, trees that are a hazard to the lines shall be removed; i.e. any tree which by the nature of its health, size or condition endangers the line.
 - Defective or diseased trees shall be removed whenever possible.
 - Fast growing and weed trees shall be removed as undesirable species, whenever possible.
 - iv Trees shall be felled away from conductors.
 - In areas where damage might be caused to conductors or property, trees shall be stripped of all limbs with the trunk removed in sections, as necessary.
 - All brush shall be removed daily from public thoroughfares and other improved places unless otherwise arranged with the Company Representative.
 - All stumps shall be cut flush and parallel to the ground. Tree stumps shall not exceed a maximum height of three (3) inches. All brush shall be cut flush and parallel to the ground.
 - Wood and brush (cribbing) shall be used as a cushion to protect from potential damage due to felling trees or heavy limb sections. The probability of a bouncing effect is normally increased when using cribbing and should be allowed for.
- All vines shall be cleared from conductors to minimum clearance standard. Additionally vines shall be severed at base to a distance of 10' on structures to insure growth dies.
- Prioritization of Pruning Distribution pruning should be performed on a circuit basis whenever possible. Always start pruning from the substation out, as this area is of greatest importance due to the large number of customers affected by outages caused in this area.
- 5 Three-phase lines should have greater clearance and attention than single-phase spur lines. Pruning is performed to protect the largest number of customers from an interruption. Three-phase interruptions will affect more customers.

6 Safety – Good Relations – Clean-up

- The contractor will take all safety and protective precautions and with respect thereto will strictly enforce all applicable regulations of Municipal, State and Federal Laws, the various insurers and the Company. These shall include OSHA and ANSI Z133.1.
- A neat appearance, pleasant approach and a clear explanation as to what you mean or want when contacting people. In any instance where there is a misunderstanding or a possible cause for trouble with a customer or municipal official, notify the Company Representative, so that proper action can be taken. When a property owner or municipal official absolutely will not allow proper pruning refer the situation to the Company Representative in writing. If pruning in a given area is under dispute move to another area.
 - Utility Company Relations Tree crew to contact the Company every day and report work location; details of who to report to, when and where will be specified by the local Company Representative.
 - Outage Whenever there is a question of a possible accidental outage of power caused by a tree crew, the Company is to be notified immediately.
 - Municipal Regulations Notify the proper municipal official (Tree Warden, etc.) as required and let them know what location you are working in. Get permission to do tree work on municipal trees from the proper authority before doing the work.
 - State Regulations When doing tree work on a State Highway have a copy of the State Tree Pruning Permit with Permit Number. All tree work on State Highways must be approved and supervised by the proper State Official. State regulations on barricades and warning signs must be observed.

Dispose of all debris properly and leave the work area in a neat and clean condition. Unless otherwise specified, wood shall be left for property owner. All trucks will have leaf blowers to clear roadway areas.

Contractor Responsibility

"The relationship of the Company and the Contractor is acknowledged to be that of owner and independent contractor. The means and methods employed for performing the details of pruning shall be the responsibility of the Contractor, subject to the suggestions and approvals of the Company's designated representative."

1 Compliance with Laws and Regulations – The Contractor shall comply with all applicable laws and regulations and all work and materials are to comply in every respect with all applicable codes, laws and regulations. All necessary permits, licenses, etc., for the Work unless obtained by the Company

- are to be obtained and paid for by the Contractor, the Company to reimburse the Contractor for the cost thereof unless the Work is being done on a fixed fee basis.
- Instructions to Contractor Pruning work includes the furnishing of all supervision, labor, equipment, tools and services necessary to trim trees in designated areas and in a manner acceptable to local or state authorities and Company Representative, per the Pruning Contract/Purchase Order. The Contractor will report daily in writing to the Company Representative any damaged Company equipment (insulators, crossarms, etc.) encountered in the course of his work.
- 3 All crews are required to attend a yearly review of NSTAR Pruning Policy at the expense of the contractor

Other Related Items

- <u>1</u> Privately Owned Facilities The Company in general will not authorize pruning of privately owned facilities.
- 2 Contractor List Owners of private electrical facilities may occasionally ask for recommendations concerning private contractors for line maintenance or pruning work. The Company position is not to make recommendation of any specific contractor for reasons of liability.
- Refusal to Allow Pruning When the pruning contractor reports a refusal to allow pruning, the Company Representative shall contact the involved party in an effort to secure the proper pruning. If no agreement can be reached the refusing party shall be contacted via registered mail (Return Receipt Requested)

The letter will relate our reasons for pruning i.e. protection of our facilities, reliability of service, protection of the public (tree climbers) and serve as documentation of our attempt to secure adequate pruning. Hopefully this letter will prompt some to reconsider their refusal. If not, we will have documentation of our intent and attempt to secure adequate pruning.

Documentation of Tree Removal – When, due to diseased or dead state, ornamental or large shade trees are by necessity removed, documentation in the form of detailed notes and/or photographs should be kept. This documentation may be valuable in the event a customer later brings a claim against the Company for the value of a tree claiming "wrongful removal".

Methods of Pruning

There are many methods of pruning trees for line clearance, but not all methods are attractive or advantageous to the tree, nor are all methods effective for long-term line clearance. The basic pruning methods are pollarding, sharing or rounding over and natural pruning (Fig. 3).

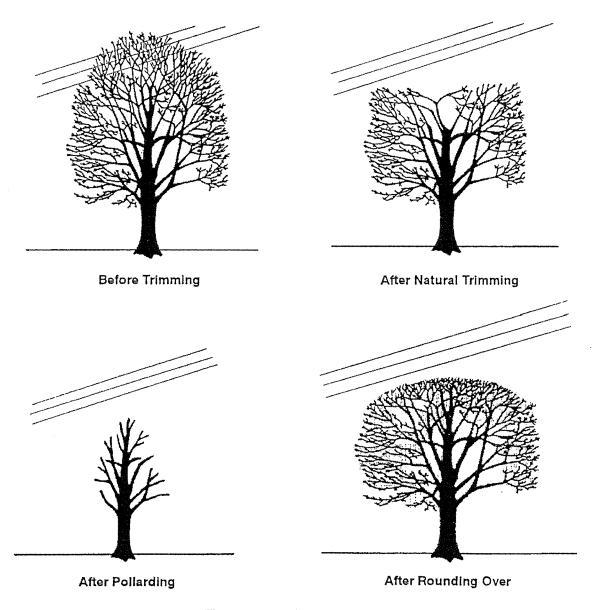


Figure 3. Basic Trimming Methods

Stubbing off major limbs by pollarding is not a desirable pruning practice.

The result is not only unsightly, but multitudes of fast-growing suckers sprout from the stubs and soon result in line clearance problems more serious than before. The stubs are also likely to fall victim to decay or disease. Finally, this method of pruning attracts unfavorable public attention.

Shearing or Rounding Over consists of making many small cuts so that the treetop is sheared in a uniform line. This results in rapid re-growth of many small sprouts, called suckers, directly toward the conductors. Because of this rapid re-growth of suckers, trees trimmed by the rounding over method need to be re-trimmed sooner than trees trimmed by the natural pruning period.

Natural Pruning is the method recommended by most professionals. Natural pruning is cutting branches flush at a suitable parent limb, back toward the center of the tree. This method of pruning is sometimes called "drop crutching" or "lateral pruning". An attempt is made to remove large branches to laterals at least one-third the diameter of the branch being removed. All cuts should be flush to avoid leaving stubs. Natural pruning is especially adapted to the topping of large trees where a great deal of wood must be removed. In natural pruning, most cuts are made on larger limbs with a saw, and little pole prune work is required. The results are natural-looking trees, even if large amounts of wood have been removed. Natural pruning is also directional pruning, since it tends to guide the growth of the tree away from the wires (Figure 4). Stubbing, on the other hand, tends to promote rapid sucker growth right back into the conductors.

It should be emphasized that natural clearance is highly effective in reducing future costs, and that two or three natural pruning cycles will produce an ideal situation for both the utility and the tree owner. Most shade trees lend themselves easily to this type of pruning. Elm, Norway Maple, Red Oak, Red Maple, Sugar Maple, Silver Maple and European Linden, the most common street trees, react especially well to natural pruning methods.

Crown Reduction is cutting back portions of the upper crown of a tree. Reducing is indicated when a tree is located directly beneath a line. The main leader of leaders are cut back to a lateral, which should be at least one-third the diameter of the limb being removed. Most cuts should be made with a saw. A pole pruner is used only to cut lateral branches. To minimize regrowth, no more than one-fourth of the crown should be removed when topping (Figure 5).

Side Pruning is cutting back or removing side branches that threaten the conductors. Side pruning is required where trees are growing adjacent to utility lines. Limbs should be removed at a lateral branch. Notches in tree crowns should be avoided, if possible. Shortening branches above and below the indented area, or balancing the opposite side if the crown, will usually improve the appearance of the tree. When pruning, all dead branches over the wires must be removed, since this dead wood could easily break off and cause an interruption in service. (Figure 5)

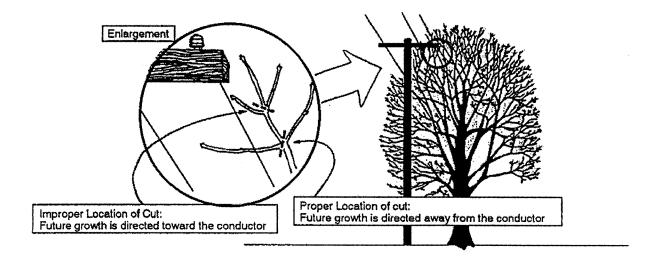


Figure 4. Natural Trimming (to direct growth away from wires)

Side Trimming is cutting back or removing side branches that threaten the conductors. Side trimming is required where trees are growing adjacent to utility lines. Limbs should be removed at a lateral branch. Notches in tree crowns should be avoided, if possible. Shortening branches above and below the indented area, or balancing the opposite side of the crown, will usually improve the appearance of the tree. When trimming, all dead branches over the wires must be removed, since this dead wood could easily break off and cause an interruption in service (Figure 5).

Overhang Or Under Pruning consists of removing limbs beneath the tree crown to allow wires to pass below the tree crown. This type of pruning will allow the tree to retain its natural shape and continue its normal growth. Overhangs are hazards when lines pass beneath a tree and should be removed according to the species of the tree, location and the general policy of the utility. When pruning, all dead branches above the wires are removed, since this dead wood could easily break off and cause an interruption. Many utilities have a set removal program for trees that overhang important lines (Figure 5).

Through Pruning is the removal of branches within the crown to allow lines to pass through the tree. It is best suited for secondaries, streetlight circuits, and cables, although it is often used on primary circuits where there is no other way of pruning the tree. Cuts should be made at crotches to encourage growth away from the lines (Figure 5).

Combinations - It is often necessary to combine several types of pruning in order to maintain acceptable tree appearance and provide adequate clearances.

METHODS OF TRIMMING (con't)

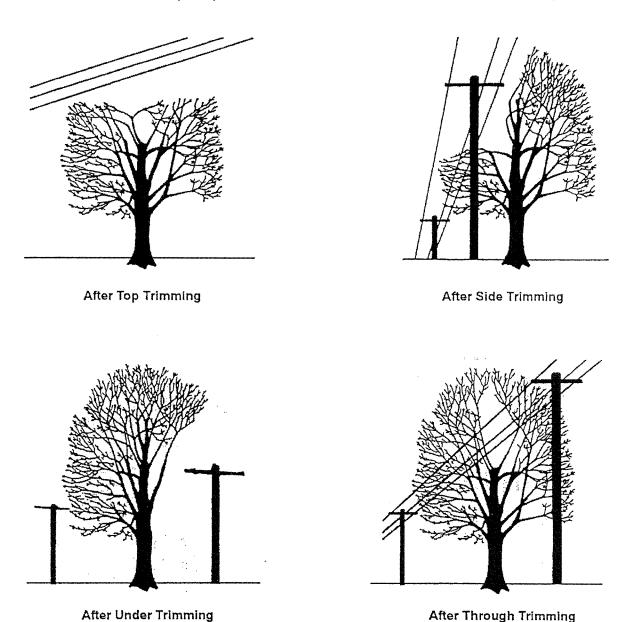


Figure 5. Four types of natural trimming.

ANSI A300 " <u>American Standard for Tree Care Operations – Tree, Shrub and Other Woody Plant Maintenance – Standard Practices"</u>, presents performance standards for the care and maintenance of trees and should be considered a part of this appendix and adhered to in tree operations under this policy.

Techniques

Proper clearance for any type of overhead line is measured not only in feet of clearance but in effectiveness. Both tree and overhead line characteristics must be known to get the maximum effective clearance for each tree. Clearance not only must be adequate when the tree is trimmed but must last. Therefore, each tree should be trimmed so it will need less work at the next trim cycle.

Before tree trimmers begin work, they plan how they are going to trim each tree. Consideration is given to how and when a tree is going to re-grow after it is trimmed. Trees can usually be placed into one of four tree-form types: upright, spreading, horizontal or columnar (Figure 6). If possible, the natural form of the tree should be maintained so that it does not look heavily trimmed.

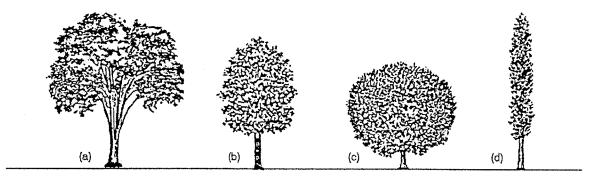
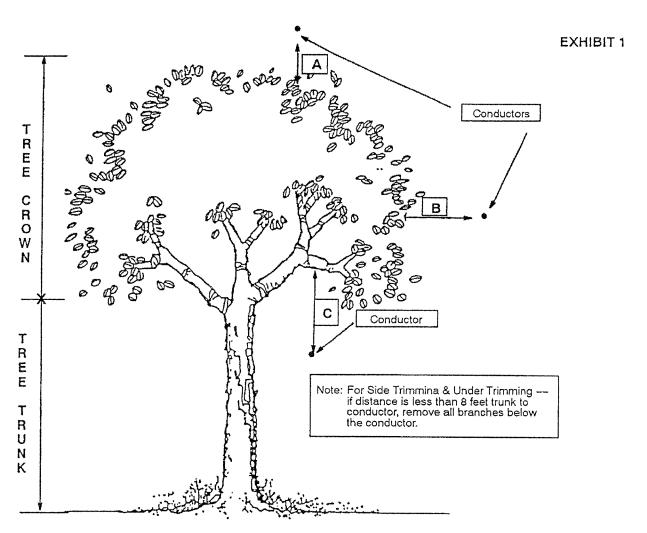


Figure 6 Tree-form types that are basic in planning and maintaining clearnace for overhead lines: (a) upright, (b) spreading, (c) horizontal and (d) columnar.

All line clearance tree pruning should be done in accordance with the American National Standard Safety Requirements for Pruning, Repairing, Maintaining and Removing Trees, and for Cutting Brush" (ANSI Z133.1). The ANSI Z133 standard provides safety criteria for line clearance tree trimmers and the public. Minimum working distances from energized conductors are listed and must always be observed.



Note: Our objective is to obtain trim clearances as indicated. However, extenuating circumstances may dictate that lesser clearnaces be accepted.

CLEARANCE	TYPE OF TRIMMING	MINIMUM CLEARANCE FOR 25 kV OR BELOW *
*A**		8 Feet
B	Side Trimming	8 Feet
C	Under Trimming (Remove overhang situations where possible)	12 Feet **

* Services should be trimmed only to avoid contact.

Secondary electric lines shall be cleared for a minimum clearance of three feet.

^{**} Thin, lighten, or shorten limbs above this point on pines to prevent snow loading.

Capital Expenditures

Year Ending December 31, 2005



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Alewife Station - Dig Fault Recorder \$ 51 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Transmission:		Company of the compan									ì	***********	
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Cable Relaying - 22 Interconnection Agreement	⊢ •		Putnam Station - High Pressure Oil Filler Relay	•	84		-				ı	,		
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	_	99140	Interconnection Agreement	-	-	•		-	1	1		2,9	124	-

2005 Camb 10 year Cap spending Final.xls

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	Cambr	ridge E	Electric	Light	ridge Electric Light Company						
	200	05 ASQ	IR Cap	5 ASQR Capital Spending	nding						
		(Dollar	rs in TI	(Dollars in Thousands)	ds)				And Market and Annual	and the second	
Category Auth: Description	1996		1997	1998	1999	2000	2001	2002	2003	2007	2000
T 99605 Replacement Station Replacement in Kind			-			-	,		7	22	,
T Separation of Kendall Facilities			 		131	21					(151)
						t	127				
		ı		1	1	1			359	4,052	13,339
U3286 Kendall Distribution Sub (Transmission)				•	•	•	1	-	1,521	1,076	1,010
	0.000	1	-	•	-		•	-	1,754	630	966
T. J.:						,	•	-	,	6,625	543
lotal ransmission	&	51 \$	84 \$	22 \$	131 \$	33 \$	127 \$	•	\$ 3,633 \$	\$ 15,330 \$	\$ 15,737
Capitalized Overheads:	\$	\$	\$	-	\$	\$ 826	1,169 \$	1,037	\$ 1,218	\$ 2,464	\$ 3,806
Total Capital Spending	\$ 3,5	\$ 06	4,092 \$	5,657 \$	6,160 \$	6,045 \$	5,025 \$	6,395	\$ 682'6 \$	23,310	\$ 25,901
						- AND					
The second secon		,									

Spare Component Acquisition & Inventory Policy and Practice

Year Ending December 31, 2005



Cambridge Electric Light Company Spare Parts Policy and Practices

Cambridge Electric Light Company ("Cambridge" or the "Company") monitors and manages critical items for its electric transmission system using a state-of-the-art computerized and integrated work management and inventory-control/procurement system. This system was installed in 1999-2000, and provides for identification of common items needed for Cambridge, as well as the operating systems of all of the NSTAR Companies (i.e., Cambridge, Commonwealth Electric Company, Boston Edison Company and NSTAR Gas Company) (together the "NSTAR Companies"). In addition, Cambridge's system inventories have been decentralized to bring materials closer to their point of use, decreasing spare-part requirements. Spare part requirements are periodically reviewed and updated by the Company to create efficiencies among and between the NSTAR Companies.

I. Electric Distribution System Spare Parts

The components of Cambridge's distribution system are, for the most part, lower-cost and high-use items. Inventory levels are based on predicted numbers of: (1) replacements due to failure; (2) replacements due to wear, tear and obsolescence; and (3) new construction needs. Higher-cost, less-frequent turnover items, such as pad-mount switches, transformers, tapping and stopping equipment and regulators, are inventoried based on the same requirements.

In recent years, The NSTAR Companies have formed alliances with vendors of high-use items such as gas parts, distribution transformers, cable and overhead hardware. These alliances have proven very effective in assuring a continuous flow of high-quality components at a controlled price, as well as giving the NSTAR Companies priority treatment for emergency deliveries to cover natural disasters, which have the potential to drastically impact the system. In 2003 NSTAR reevaluated their cable alliance, distribution transformer alliance and poleline hardware alliance securing service commitments and stable pricing for the next 2-3 years. Wood Poles are being evaluated in 2005.

II. Electric Transmission and Distribution Substation & Gas Take Station Spare Parts

Components at the substation level are much higher in cost, but much lower in number. The turnover of these components and the parts associated with them is also very low. Historically, there was a substantial inventory of substation spare parts, with very high carrying costs. Based on alternative methods for obtaining replacement parts, spare parts inventories were reviewed by Cambridge, and as a result, substantially reduced.

Cambridge has identified the following alternatives to maintaining a substantial inventory of spare parts:

- o Establishing relationships with suppliers who maintain inventories of spare parts that can be obtained by Cambridge on very short notice, as described above.
- Utilizing equipment on the Cambridge system, which has been recently replaced or upgraded, for use as spare parts. Because of the large number of Cambridge's ongoing projects, this option would provide a fairly continuous supply of spare parts.
- o Maintaining relationships with utilities that utilize similar equipment.
- o Employing the use of rebuilding kits.
- o Promoting redundancy in design and parallel feeds throughout the Cambridge system to reduce the need for major component inventories.

For large critical components, dedicated spares are kept and replaced as used by Cambridge. Specifically, the Company maintains a mobile transformer and mobile substations that can be placed in service in a very short time for emergency replacement of a major component.

Poor Performing Circuits

Year Ending December 31, 2005



2005 – Poor Performing Circuits

Circuit ID	Electric Light Location	Reason(s) for performance	Number of years performed poorly	Steps taken to improve performance	2005 SAIDI
811-37	Cambridge	There were two circuit lock outs- the first time, there was NTF; the second time, a section of cable was replaced.	2	The circuit is scheduled to have an infrared survey performed in 2206	264.30
817-46	Cambridge	All three incidents in 2005 were tree problems.	2	The circuit is scheduled to have an infrared survey performed in 2006. The circuit will also be upgraded in 2006. This includes new poles, equipment and wire were needed. The circuit is scheduled to have two Trident switches installed.	292.95
821-05	Cambridge	Out once due to a fallen tree limb during a storm. Another time, primaries were found wrapped together- no apparent cause for this.	2	The circuit is scheduled to have an infrared survey performed in 2006	307.12
814-15	Cambridge	One major outage was due to a fault in the station supply line. Two incidents of blown fuses.	2	The circuit is scheduled to have an infrared survey performed in 2006	209.52
824-26	Cambridge	Once, breaker opened at station 824- fault at riser pole. One outage substation problem. One tree incident.	2	The circuit is scheduled to have an infrared survey performed in 2006	139.82

Staffing Levels

Year Ending December 31, 2005



Commonwealth Gas Company	1997	1998	1999	2000	2001	2002	2003	2004	2005
Union	392	412	401						
Management	172	200	176						
NSTAR Electric & Gas									
Union				2,264	2,272	2,324	2,232	2,128	2067
Management				919	914	889	855	847	870

that was negotiated with the union leadership. Under the program, approximately 300 union and 335 Note 1: From 1998 to 1999 and 1999 to 2000 the Company offered a voluntary separation program System elected to participate in this program and exited the merged company. This was a program offered as part of the merger with Commonwealth Energy System. During the period from August 1999 through August 2000, 635 employees from the Boston Edison and Commonwealth Energy management employees terminated their employment.

Note 2: With the merger of BEC Energy and Commonwealth Energy System into NSTAR Electric and Gas and resulting consolidation of operations, employees are no longer catagorized by or assigned to positions on the basis of the pre-merger operating company designations.

2006

Performance Benchmarks



Cambridge Electric Light Company 2006 Performance Benchmarks

Billing <u>Adjustments</u>	0.00	0.00	11.04	23.47	1.70	3.41	11.17	0.00					7.47	9.03	25.52	16.50	-1.56	-10.59
Consumer Division <u>Cases</u>	0.347	0.212	0.320	0.158	0.207	0.569	0.176	0.126					0.241	0.137	0.515	0.378	0.103	-0.034
10 Year <u>SAIFI</u>			0.717	0.540	0.810	1.010	0.498	0.740	0.697	0.510	0.800	0.748	0.707	0.158	1.023	0.865	0.549	0.391
10 Year <u>SAIDI</u>			52.77	62.33	74.80	29.60	37.17	44.00	66.10	55.10	64.60	78.86	59.53	12.87	85.27	72.40	46.67	33.80
Lost Work Day <u>Accidents</u>	2.17	3.84	3.24	2.35	1.43	2.89	2.49	1.54					2.63	0.80	4.24	3.44	1.83	1.03
Percent On-Cycle <u>Meter Reads</u>				%00.66	%69.76	98.64%	98.87%	98.64%	%60.86	98.29%	98.28%	%02'96	98.24%	0.71%	96.83%	97.54%	98.95%	%99.66
Percent Service <u>Appt. Met</u>									100.00%	83.06%	78.79%	92.59%	88.61%	9.54%	69.54%	79.07%	98.15%	107.68%
Percent Calls <u>Answered</u>								63.10%	80.50%	80.60%	78.80%	75.80%	80.00%	7.34%	65.32%	72.66%	87.34%	94.68%
<u>Year</u>	1992 1993	1994 1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Mean	Std. Dev.	Max. Penalty	25% Penalty	25% Offset	Max. Offset